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FULL TECHNICAL SPECS



9389 Paired - Power Limited Tray Cable 300 Volts

Total # Cond.	# Pairs				
12	6				
AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield
18	(19x30)	TC - Tinned Copper	PVC - Polyvinyl Chloride	.01600	Individual Pairs Aluminum Foil-Polyester Tape
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Cond. DCR (Ohms/M')	
PVC - Polyvinyl Chloride	.0530	.4320	.5350	5.960	

For technical data, click the button below

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For available colors, click the button below

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Description

Paired, 6 pairs, 18 AWG, stranded (19x30) TC - Tinned Copper conductors, PVC - Polyvinyl Chloride insulation, Individual Aluminum Foil-Polyester Tape (Beldfoil) shielded pairs with a 20 AWG stranded tinned copper drain wire. 100% shield coverage, sunlight resistant PVC - Polyvinyl Chloride jacket with nylon ripcord. Applicable Specifications: UL PLTC, ITC, CMG, C(UL) CMG, FT4, IEEE 1202. Flame Resistance: CSA FT4 Flame Test. Industrial Automation & Process Control Cables. These cables are suitable for installation in wet or dry locations. Cable jackets are sunlight resistant, impervious to moisture and vapor penetration, and non-propagating. Alternate conductor color coding is available as a special order. Multiple pair cables have each pair numbered for ease of identification. Individual pair shields are fully isolated from each other and contain a separate drain wire for grounding, to provide maximum protection from crosstalk and common mode interference. BELDFOIL is a Belden registered trademark.

Disclaimer: Great effort is made to ensure the accuracy of the information presented, but errors or omissions may occur. This listing of information is presented as a courtesy and does not ensure that a product with these specifications is available. Specification and availability should be confirmed with a call to our sales representative or to Customer Service. Have a question? Call us at 1-800-BELDEN-1 or send us a [comment](#)

03/28/03

TECHNICAL DATA

Customer Number • 000001

Customer Name •

To display Technical Data, enter a Product Code and press Go.

Product Code	<input type="text" value="9389"/>	Go
Example: 9269		
Product Search		

TECHNICAL DATA

07-11-01 REV. 15

9389

I. DESCRIPTION:

6 PAIR 18 AWG (19 X #30) TINNED COPPER, PVC INSULATION,
BELDFOIL SHIELD, 20 AWG STRANDED TINNED COPPER DRAIN
, PVC JACKET WITH NYLON RIPCORD.

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II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	300 V RMS
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C:	5.7 A
NOM. CAPACITANCE BETWEEN CONDUCTOR OF PAIR @ 1 KHZ:	61 PF/FT.
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ:	112 PF/FT.
NOM. INDUCTANCE:	.18 MICRO-H/FT.
NOM. CONDUCTOR DC RESISTANCE @ 20 DEG. C:	5.96 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG. C:	8.63 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-30 TO +105 DEG.C
INSULATION MATERIAL:	PVC
JACKET MATERIAL (COLOR)	PVC (CHROME SUN RES)
TYPE SHIELD AND % COVERAGE	INDIVID. PR SHLD - 100%
TWISTED PAIR LAY LENGTH:	1.75"

MAX. PULLING TENSION:	440 LBS.
MIN. BEND RADIUS:	5-1/2"
NOM. WEIGHT/1000 FT.:	179.4 LBS.
NOM. CABLE DIA.:	.535"
APPLICABLE SPECIFICATIONS:	UL PLTC OR ITC OR CMG OR C (UL) CMG, FT4, IEEE 1202
FLAME RESISTANCE:	CSA FT4 FLAME TEST
COLOR CODE:	RED & BLACK PAIRS NUMBERED 1 THRU 6